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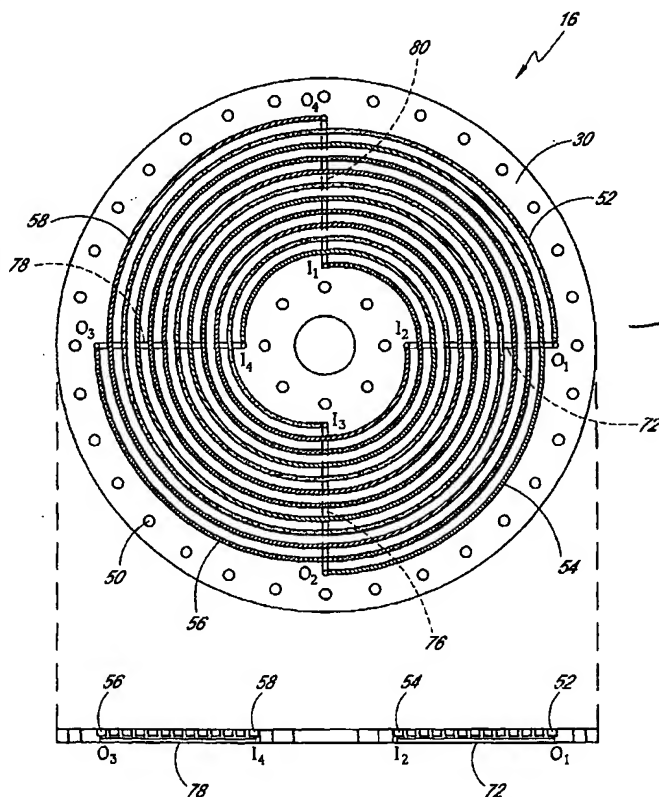
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(54) Title: **METHOD AND APPARATUS FOR COUNTERCONCURRENT CHROMATOGRAPHY**

SEPARATION DISK WITH 4 SPIRAL CHANNELS



(57) Abstract: A countercurrent chromatography apparatus includes a plurality of plates, at least one plate (16) having first and second interleaved spiral flow channels (52, 54, 56, 58) therein. Each spiral flow channels (52, 54, 56, 58) has a first end (I<sub>1</sub>, I<sub>2</sub>, I<sub>3</sub>, I<sub>4</sub>) near the central axis and a second ends (O<sub>1</sub>, O<sub>2</sub>, O<sub>3</sub>, O<sub>4</sub>) near the periphery. The outlet of the first channel (O<sub>1</sub>) is connected to the inlet of the second channel (I<sub>2</sub>) by a connecting channel (72). Septa may be provided between the plates to connect the spiral channels of one plate to the spiral channels of the next plate.

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